

**SUPPLEMENTAL AGREEMENT NO. 1
TO
AGREEMENT OF JANUARY 19, 2011
FOR
ENGINEERING SERVICES for
Fort Bend Grand Parkway Toll Road, Segment D**

This Supplemental Agreement is made and entered into this 16th day of March, 2011, and modifies the ENGINEERING SERVICES AGREEMENT made with Kellogg Brown & Root Services, Inc., dated January 19, 2011 for engineering services for the Fort Bend Grand Parkway Toll Road, Segment D.

The agreement is hereby modified as follows:

1. The first sentence of Section 2.a is replaced with the following sentence:

“The Maximum Compensation under this contract is \$564,778.48.”

2. The second paragraph of Section 2.a is replaced with the following paragraph:

“Compensation for performance of services within the Scope of Services described in Attachment A will be as follows: The lump sum compensation shall be increased by \$60,056.70, for the additional work shown in Attachment A. The maximum amount payable under this agreement shall not exceed \$564,778.48, as shown in Attachment B. Progress payments for work detailed in Attachment A will be made when the Engineer has attained a level of completion equal to or greater than the agreed upon milestones of completion in the reasonable opinion of FBGPTRA.”


3. The Scope of Services shown in Attachment A shall be expanded to include Exhibit A-1, attached hereto.
4. The Compensation for Scope of Services shown in Attachment B shall be expanded to include Exhibit B-1, attached hereto.

[Remainder of page intentionally left blank.]

Supplemental Agreement No. 1
To Agreement of January 19, 2011

IN WITNESS WHEREOF, this Supplemental Agreement is hereby executed as of the date first set forth above.

FORT BEND GRAND PARKWAY TOLL ROAD
AUTHORITY, a local government Texas
Corporation

By: 
James Condrey
Chairman, Board of Directors

ATTEST:

By  _____

Kellogg Brown & Root Services, Inc.
ENGINEER

By:  _____

Name: LEISA NELSON

Title: VICE PRESIDENT

SUPPLEMENTAL AGREEMENT NUMBER 1
Fort Bend Grand Parkway Toll Road, Segment D, Section 1

EXHIBIT A-1

ATTACHMENT A
SCOPE OF SERVICES

GENERAL DESCRIPTION

After reviewing the existing plans, it was determined that the horizontal and vertical alignment shown in the preliminary schematic needs additional refinement. This refinement results in an increase in the project limits for the main lanes and ramps. The additional work required includes the following:

1. Additional typical sections for the main lanes and ramps.
2. Additional plan & profile (P&P) sheets due to the change in project length and substantial difference in the vertical alignments between the main lanes. Separate P&P sheets will be required for each of the northbound and southbound main lanes.
3. Additional cross-sections due to the change in roadway and ramp lengths.
4. Additional miscellaneous roadway details including a special single slope concrete median barrier.
5. Revise traffic control plan layouts to show construction of temporary pavement for northbound and southbound ramps from station 715+00 to station 735+00 for ramp reconstruction.
6. New traffic control layouts sheets for traffic shift to temporary pavement on northbound and southbound ramps from station 715+00 to station 735+00 including update to quantities.

**SUPPLEMENTAL AGREEMENT NO. 1
Fort Bend Grand Parkway Toll Road, Segment D, Section 1**

EXHIBIT B-1

**ATTACHMENT B
COMPENSATION FOR SCOPE OF SERVICES**

KBR Task Requirements	Manager	Senior Engineer	Sr. Structural Engineer	Engineer	Eff	Senior Cad Designer	Junior Cad Designer	Admin	Total
Roadway Design	10	20		90	90	90	90		390
Project Management and Section Lead Management Tasks	10								10
Man-Hours	20	20	0	90	90	90	90	0	400
Contract Rate	\$203.55	\$169.32	\$230.81	\$117.57	\$93.75	\$166.50	\$67.95	\$70.98	
Total Labor Cost	\$4,071.00	\$3,386.40	\$0.00	\$10,581.30	\$8,437.50	\$14,985.00	\$6,115.50	\$0.00	\$47,576.70

Description	Estimated Number of Sheets	Manhours per Sheet	KBR Man-hours
TOTAL NUMBER OF SHEETS	12		
TOTAL MAN-HOURS			400
Roadway Design			400
A. Prepare Proposed Typical Sections	2	30	60
B. Plan and Profile Sheets	8	35	280
C. Design Cross-Sections	2	25	50
Project Management and Section Lead Management Tasks			0
A. Provide general coordination with PMC and all Team Members			10

Firm	Job Hours	Labor Cost
Kellogg Brown & Root Services, Inc.	400	\$47,576.70
R. G. Miller Engineering Inc.	119	\$12,480.00
Total	519	\$60,056.70

SUPPLEMENTAL AGREEMENT NO. 1
Fort Bend Grand Parkway Toll Road, Segment D, Section 1

EXHIBIT B-1

ATTACHMENT B
COMPENSATION FOR SCOPE OF SERVICES

FEE SCHEDULE / BUDGET for R.G. Miller Engineering, Inc.

MANHOURLY COST SUMMARY	PROJ MNGR	SENIOR ENGR	PROJECT ENGR	BIT	SENIOR TECH	ENGR TECH	CLERICAL	TOTAL		
SECTION I DESIGN SERVICES										
CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL	9	21	13	14	12	50	0	119		
SUBTOTAL	9	21	13	14	12	50	0	119		
TOTAL HOURS	9	21	13	14	12	50	0	119		
MANHOURLY RATES	\$ 60.50	\$ 46.50	\$ 38.00	\$ 29.00	\$ 34.50	\$ 26.50	\$ 24.00	\$ 34.96		
TOTAL DIRECT LABOR COSTS	\$ 544.50	\$ 976.50	\$ 494.00	\$ 406.00	\$ 414.00	\$ 1,325.00	\$ -	\$ 4,160.00		
EXPENSE COST SUMMARY			MILEAGE (\$0.50/mile)	DELIVERY (at cost)	COPIES (LETTER) (at cost)	COPIES (LEDGER) (at cost)	MYLAR PLOT (at cost)	EXPENSE TOTAL		
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOTALS			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
FEE SUMMARY					HOURS	DIRECT LABOR	OH + PROFIT 200.0000%	TOTAL		
CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL					119	\$ 4,160.00	\$ 8,320.00	\$ 12,480.00		
TOTALS						\$ -	\$ 119	\$ 4,160.00	\$ 8,320.00	\$ 12,480.00

TASK	DESCRIPTION	No. of Type	PROJ MNGR	SENIOR ENGR	PROJECT ENGR	BIT	SENIOR TECH	ENGR TECH	CLERICAL	TOTAL	Hrs Per Sheet
SECTION I DESIGN SERVICES											
CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL											
	TCP PLANS (TEMP DETOURS OPENINGS)	2 sheets	6	15	10	10	8	30		79	40
	REVISE TCP SHEETS	2 sheets	3	6	3	4	4	20		40	20
	SUBTOTAL		9	21	13	14	12	50	0	119	